

# NU444M3

Cylindrical Roller Bearings (single row, with cage)



## Details:

### Main dimensions

d [mm]	220	$D_1$ [mm]	≈ 425
D [mm]	540	$r_{1,2}$ [mm]	6
B [mm]	115	$r_{3,4}$ [mm]	6
Weight [kg]	≈ 144	s [mm]	5.5
F [mm]	305		



### Mating dimensions

$d_{a, \min}$ [mm]	250
$d_{a, \max}$ [mm]	302
$d_{b, \min}$ [mm]	309
$D_{a, \max}$ [mm]	510
$r_{a, \max}$ [mm]	5
$r_{b, \max}$ [mm]	5

### Calculation data

C [kN]	1910
$C_0$ [kN]	2450
$C_u$ [kN]	227
$n_{th}$ [ $\text{min}^{-1}$ ]	971
$n_g$ [ $\text{min}^{-1}$ ]	1800